# Contents

**Number 1**


| | | |
|---|---|---|
| Editorial | 1 | *P Hills* |
| Special Section | 3 | Guest Editorial: the challenge of managing information security<br>*G Dhillon* |
| | 5 | GPRS security as a QoS in the telecommunication industry case of Vodafone Egypt<br>*S Kamel and K Wahba* |
| | 29 | Information security considerations in IS/IT outsourcing projects: a descriptive case study of two sectors<br>*A M Khalfan* |
| | 43 | In defense of the realm: understanding the threats to information security<br>*M E Whitman* |
| Papers | 59 | Mass customisation challenges in Internet retailing through information management<br>*A P Vrechopoulos* |
| | 73 | Knowledge management in eBusiness and customer relationship management: South African case study findings<br>*M du Plessis and J A Boon* |
| | 87 | Knowledge management system architecture: a bridge between KM consultants and technologists<br>*A Chua* |
| Research notes | 99 | Trans-disciplinary research in information systems<br>*R D Galliers* |
| Reviews | 107 | A computer called LEO, Lyons teashops and the world's first office computer<br>*J Aris*<br>Internet marketing: strategy, implementation and practice<br>*M Stansfield*<br>Informing Science and IT Education Conference 2003 (InSITE 2003)<br>*E McLellan* |


**Number 2**


| | | |
|---|---|---|
| Editorial | 113 | *P. Hills* |
| Papers | 115 | Success on the Internet—optimizing relationships through the corporate site<br>*F. Heldal, E. Sjøvold and A.F. Heldal* |
| | 131 | Healthcare information systems outsourcing<br>*D.P. Lorence and A. Spink* |

147 Developing Government-to-Government enterprises in Brazil: a heuristic model drawn from multiple case studies
*L.A. Joia*

167 Risk management practices in IS outsourcing: an investigation into commercial banks in Nigeria
*B.C. Adeleye, F. Annansingh and M.B. Nunes*

Case study 181 Inter-organisational infrastructure and industry value: a case study of the Australian travel sector
*M. Borman*

Reviews 193 Review of the ninth Sloan-C international conference on asynchronous learning networks, Atlanta, Florida, November 2003
*E. McLellan*
Management information systems: managing the digital firm 8th Edition
*S. Fitz-Gerald*
Principles of the business rule approach
*E. Rowland Watkins*


**Number 3**


Editorial 199 *P. Hills*

Papers 201 Corporate portal: a tool for knowledge management synchronization
*H. Benbya, G. Passiante and N.A. Belbaly*

221 An internet-based telemedicine system in Nigeria
*O.S. Adewale*

235 Creation and recreation: motivating collaboration to generate knowledge capital in online communities
*H. Hall and D. Graham*

247 Effective management of information systems function: an exploratory study of Indian organizations
*C. Ranganathan and G. Kannabiran*

Case study 267 Development of an implementation plan for a geographic information system: case of Lincoln County
*J.P. Hall*

Reviews 277 The International Handbook on Innovation
*A. Burnett*
Electronic Commerce: A Managerial Perspective 2004 (International Edition)
*M. Stansfield*


**Number 4**


Editorial 281 *P. Hills*

Papers 283 The impact of depolarisation on e-commerce development in the distribution of regulated financial products
*K. Littler and R. Hudson*

295 Integration of web-based procurement and fulfillment: A comparison of case studies
*M. Muffatto and A. Payaro*

313 Quantitative evaluation of commercial web sites: an empirical study of Spanish firms
*F.J. Miranda González and T.M.B. Palacios*

329 Three domains for implementing integrated information systems: redressing the balance between technology, strategic and organisational analysis
*D. Wainwright and T. Waring*

Case Study 347 Rethinking the data–information–knowledge hierarchy: towards a case-based model
*A. Braganza*

Reviews 357 The internet, organizational change, and labor: the challenge of virtualisation
*E.R. Watkins*

358 Management information systems (international edition), 9th edition
*M. Stansfield*

**Number 5**

Editorial 361 *P. Hills*

Papers 363 Productive development of World Wide Web sites intended for international use
*S.D. Seilheimer*

375 Information systems development within supply chain management
*E.A. Williamson, D.K. Harrison and M. Jordan*

387 Mass customisation: management approaches and internet opportunities in the financial sector in the UK
*E.A. Papathanassiou*

401 Characterising the requirements of engineering information systems
*A. Lowe, C. McMahon and S. Culley*

423 An assessment of the level of availability of technological capabilities in the Nigerian telecommunications industry
*T.O. Oyebisi, O.O. Olamade and A.A. Agboola*

Case study 433 Collaborative commerce for non-technical industries: is it worth the investment?
*C. Centola, C.J. Myer, M.S. Raisinghani and D. Virgil*

Reviews 441 Database processing: Fundamentals, design and implementation (International Edition), 9th Edition
*K. Grant*

442 Society for Information Technology and Teacher Education International Conference (site 2004), Atlanta, Georgia, 1–6 March 2004
*E. McLellan*

443 Digital imaging: a practical approach
*K. Grant*

444 The librarian's guide to writing for publication
*M. Stansfield*

**Number 6**

Editorial 447 *P. Hills*

Special Section 449 Guest editorial
*K. Grant, D. Edgar and M. Jordan*

457 Prescription, description, reflection: the shape of the software process improvement field
*B. Hansen, J. Rose and G. Tjørnehøj*

473 A framework for internet channel evaluation
*S.F. King and J.-S. Liou*

489 Strategic motivators and expected benefits from e-commerce in traditional organisations
*L. Piris, G. Fitzgerald and A. Serrano*

Papers 507 Electronic data interchange usage in China's healthcare organizations: the case of Beijing's hospitals
*H. Liang, Y. Xue, T.A. Byrd and R.K. Rainer Jr.*

523 Workflow and process management in printing and publishing firms
*M. Glykas*

539 Predicting online grocery buying intention: a comparison of the theory of reasoned action and the theory of planned behavior
*T. Hansen, J. Møller Jensen and H.S. Solgaard*

Case study 551 Computer crime at *CEFORMA*: a case study
*G. Dhillon, L. Silva and J. Backhouse*

Reviews 563 The 14th annual Ph.D. consortium held at the 9th annual United Kingdom Academy of Information Systems (UKAIS) Conference
*A. Tait*

565 Global business information technology: an integrated systms approach
*M. Stansfield*

I Contents and author index to Volume 24 (2004)